



CJ
JK
1-18-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keith Dow Art Unit : 2181
 Serial No. : 09/461,643 Examiner : Christopher E. Lee
 Filed : December 14, 1999
 Title : IMPROVED SIGNAL ROUTING BETWEEN A MEMORY CONTROL
 UNIT AND A MEMORY DEVICE

RECEIVED

Commissioner for Patents
 Washington, D.C. 20231

JAN 15 2003

TRANSMITTAL LETTER

Technology Center 2100

Correspondence relating to this application is enclosed.

The required fees are computed below. Please apply any charges not covered, or any credits, to Deposit Account No. 06-1050.

Total

Claims	22	-	22	=	0	\$0
Independent	4	-	4	=	0	\$0

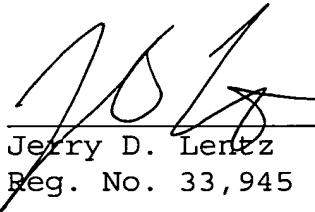
Request for Extension of time for 1 month	\$110
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Request for Continued Examination (1 page)	\$750
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TOTAL FEE DUE	\$860
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Respectfully submitted,

Date: 1/6/03


 Jerry D. Lentz
 Reg. No. 33,945

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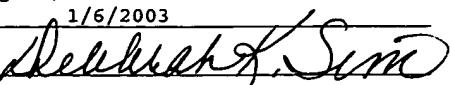
110.00 OP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL
 I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

1/6/2003

Date of Deposit

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Debrah K. Sim

Typed or Printed Name of Person Signing
 Certificate



Attorney's Docket No.: 10559-108001 / P7643

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PRELIMINARY AMENDMENT

Technology Center 2100

Prior to examination, please amend the application as follows:

In the claims:

Amend claims 1, 5, 6, 8, 10, 13, 14, 16, 19 and 20 as follows:

Skub *C* -- 1. (Twice amended) A computer system comprising:
a processor;
a memory unit configured to store data used by the
processor;
a memory control unit configured to manage data flowing
into and out of the memory unit;
a circuit board comprising:
at least two layers formed in parallel to a surface of said
circuit board,

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